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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Subrahmanya, et al.

Serial No. 09/924,199

Filed: August 7, 2001

For: ADAPTIVE PILOT FILTER FOR A WIRELESS COMMUNICATION SYSTEM

) Group No. Unknown

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(c)

Commissioner of Patents
Washington, D.C. 20231

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Dear Sir:

Applicants, through their attorney, submit herewith references in accordance with 37 CFR § 1.56.

The citation of these references is not intended to constitute an admission that any reference provided is prior art to the invention of this application unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on:

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The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists. A list of the references is set forth on Form PTO-1449, which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

- ☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. A copy of the International Search Report is also enclosed.

Dated: _____

12/9/02

Respectfully submitted,

By: _____

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 010196	SERIAL NO. 09/924,199
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Subrahmanya, et al.	
		FILING DATE August 7, 2002	GROUP Unknown
DATE MAILED: December 9, 2002			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	0 0 4 8 3 3 2	08/17/00	PCT	Telefonaktiebolaget, et al.		
	B2	0 9 0 1 2 3 9	03/10/99	EPO	NEC Corporation		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	Shen, Q., et al., "The Linear Prediction Method of Fading Channel Estimation for the Rake Receiver with Impulsive Interference" WIRELESS PERSONAL COMMUNICATIONS, KLUWER ACADEMIC PUBLISHERS, NL. Vol. 6:3. Pgs. 233-248 (1998).
	C2	Hyuk, Jun, et al., "An Adaptive Channel Estimation Scheme for DS-CDMA Systems" VTC 2000 (1998) IEEE Vol 6, Conf. 52 (2000).
	C3	Abeta, et al., "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using time-Multiplexed Pilot and Parallel Pilot Structures: IEICE TRANSACTIONS ON COMMUNICATIONS Vol. E.82.B No. 9:1505-1513 (1999).
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		